

What Is Claimed Is:

1. 1. A fuse structure, comprising:
 2. a substrate;
 3. a first conductive layer formed on part of the substrate, wherein a layout of the first conductive layer starts from a fourth vertical line along a first horizontal line in a second direction, turning in an intersection of a second vertical line and a second horizontal line;
 4. a second conductive layer formed on part of the substrate, wherein a layout of the second conductive layer starts from a first vertical line along a third horizontal line in a first direction, turning in an intersection of a third vertical line and a fourth horizontal line;
 5. a first dielectric layer formed on the first conductive layer, the second conductive layer and the substrate;
 6. a third conductive layer formed on the part of the first dielectric layer, wherein a layout of the third conductive layer starts from the first vertical line along the third horizontal line in the first direction, turning in an intersection of the third vertical line and the second horizontal line;
 7. a fourth conductive layer formed on the part of the first dielectric layer, wherein a layout of the fourth conductive layer starts from the fourth vertical line along a fifth horizontal line in the second direction, turning in an intersection of the second vertical line and the fourth horizontal line;

29 a second dielectric layer formed on the third conductive
30 layer, the fourth conductive layer and the first
31 dielectric layer;
32 a fifth conductive layer formed on part of the second
33 dielectric layer, wherein a layout of the fifth
34 conductive layer starts from the first vertical line
35 along the fourth horizontal line in the first
36 direction and extends to the second vertical line;
37 a sixth conductive layer formed on part of the second
38 dielectric layer, wherein a layout of the sixth
39 conductive layer starts from the fourth vertical line
40 along the fourth horizontal line in the second
41 direction and extends to the third vertical line;
42 a seventh conductive layer formed on part of the second
43 dielectric layer, wherein a layout of the seventh
44 conductive layer starts from the first vertical line
45 along the third horizontal line and extends to the
46 fourth vertical line;
47 a eighth conductive layer formed on part of the dielectric
48 layer, wherein a layout of the eight conductive layer
49 starts from the first vertical line along the second
50 horizontal line in the first direction and extends
51 to the second vertical line;
52 a ninth conductive layer formed on part of the second
53 dielectric layer, a layout of the ninth conductive
54 layer starts from the fourth vertical line along the
55 second horizontal line in the second direction and
56 extends to the third vertical line;
57 a tenth conductive layer formed on part of the second
58 dielectric layer, a layout of the tenth conductive

59 layer starts from the first vertical line along the
60 first horizontal line and extends to the fourth
61 vertical line;
62 a first conductive plug formed on an intersection of the
63 second vertical line and the second horizontal line
64 to penetrate the first dielectric layer and the
65 second dielectric layer to electrically connected to
66 the first conductive layer and the eighth conductive
67 layer;
68 a second conductive plug formed on an intersection of the
69 third vertical line and the second horizontal line
70 to penetrate the second dielectric layer to
71 electrically connected to the third conductive layer
72 and the ninth conductive layer;
73 a third conductive plug formed on an intersection of the
74 second vertical line and the fourth horizontal line
75 to penetrate the second dielectric layer to
76 electrically connected to the fourth conductive
77 layer and the fifth conductive layer; and
78 a fourth conductive plug formed on an intersection of the
79 third vertical line and the fourth horizontal line
80 to penetrate the first dielectric layer and the
81 second dielectric layer to electrically connected to
82 the second conductive layer and the sixth conductive
83 layer.

1 2. The fuse structure as claimed in claim 1, wherein the
2 first horizontal line, the second horizontal line, the third
3 horizontal line, the fourth horizontal line and the fifth
4 horizontal line are arranged in order, the first vertical line,
5 the second vertical line, the third vertical line and the fourth

6 vertical line are arranged in order, the distance between the
7 first vertical line and the vertical line longer than the
8 distance between the second vertical line and the third vertical
9 line, and the distance between the third vertical line and the
10 fourth vertical line is longer than the distance between the
11 second vertical line and the third vertical line 91.

1 3. The fuse structure as claimed in claim 1, wherein the
2 first conductive layer, the second conductive layer, the third
3 conductive layer and the fourth conductive layer are tungsten
4 or polysilicon.

1 4. The fuse structure as claimed in claim 1, wherein the
2 fifth conductive layer, the sixth conductive layer, the seventh
3 conductive layer, the eighth conductive layer, the ninth
4 conductive layer and tenth conductive layer are aluminum,
5 copper-aluminum alloy or polysilicon.

1 5. The fuse structure as claimed in claim 1, wherein the
2 first conductive plug, the second conductive plug, the third
3 conductive plug and the fourth conductive plug are tungsten or
4 polysilicon.

1 6. The fuse structure as claimed in claim 1, wherein the
2 first dielectric layer and the second dielectric layer are SiO₂.

1 7. A fuse window having a plurality of fuse structures,
2 each comprising:

3 a substrate;

4 a first conductive layer formed on part of the substrate,
5 wherein a layout of the first conductive layer starts
6 from a fourth vertical line along a first horizontal
7 line in a second direction, turning in an
8 intersection of a second vertical line and a second
9 horizontal line;

10 a second conductive layer formed on part of the substrate,
11 wherein a layout of the second conductive layer
12 starts from a first vertical line along a third
13 horizontal line in a first direction, turning in an
14 intersection of a third vertical line and a fourth
15 horizontal line;

16 a first dielectric layer formed on the first conductive
17 layer, the second conductive layer and the substrate;

18 a third conductive layer formed on the part of the first
19 dielectric layer, wherein a layout of the third
20 conductive layer starts from the first vertical line
21 along the third horizontal line in the first
22 direction, turning in an intersection of the third
23 vertical line and the second horizontal line;

24 a fourth conductive layer formed on the part of the first
25 dielectric layer, wherein a layout of the fourth
26 conductive layer starts from the fourth vertical line
27 along a fifth horizontal line in the second
28 direction, turning in an intersection of the second
29 vertical line and the fourth horizontal line;

30 a second dielectric layer formed on the third conductive
31 layer, the fourth conductive layer and the first
32 dielectric layer;

33 a fifth conductive layer formed on part of the second
34 dielectric layer, wherein a layout of the fifth
35 conductive layer starts from the first vertical line
36 along the fourth horizontal in the first direction
37 and extends to the second vertical line;

38 a sixth conductive layer formed on part of the second
39 dielectric layer, wherein a layout of the sixth

40 conductive layer starts from the fourth vertical line
41 along the fourth horizontal line in the second
42 direction and extends the third vertical line;
43 a seventh conductive layer formed on part of the second
44 dielectric layer, wherein a layout of the seventh
45 conductive layer starts from the first vertical line
46 along the third horizontal line and extends to the
47 fourth vertical line;
48 a eighth conductive layer formed on part of the dielectric
49 layer, wherein a layout of the eight conductive layer
50 starts from the first vertical line along the second
51 horizontal line in the first direction and extends
52 to the second vertical line;
53 a ninth conductive layer formed on part of the second
54 dielectric layer, and a layout of the ninth
55 conductive layer starts from the fourth vertical line
56 along the second horizontal line in the second
57 direction and extends the third vertical line;
58 a tenth conductive layer formed on part of the second
59 dielectric layer, and a layout of the tenth
60 conductive layer starts from the first vertical line
61 along the first horizontal line and extends to the
62 fourth vertical line;
63 a first conductive plug formed on an intersection of the
64 second vertical line and the second horizontal line
65 to penetrate the first dielectric layer and the
66 second dielectric layer to electrically connected to
67 the first conductive layer and the eighth conductive
68 layer;

69 a second conductive plug formed on an intersection of the
70 third vertical line and the second horizontal line
71 to penetrate the second dielectric layer to
72 electrically connected to the third conductive layer
73 and the ninth conductive layer;

74 a third conductive plug formed on an intersection of the
75 second vertical line and the fourth horizontal line
76 to penetrate the second dielectric layer to
77 electrically connected to the fourth conductive
78 layer and the fifth conductive layer;

79 a fourth conductive plug formed on an intersection of the
80 third vertical line and the fourth horizontal line
81 to penetrate the first dielectric layer and the
82 second dielectric layer to electrically connected to
83 the second conductive layer and the sixth conductive
84 layer;

85 a first laser spot formed on the fifth conductive layer;
86 a second laser spot formed on the sixth conductive layer;
87 a third laser spot formed on the second laser spot of the
88 seventh conductive layer;
89 a fourth laser spot formed on the eighth conductive layer;
90 a fifth laser spot formed on the ninth conductive layer;
91 and
92 a sixth laser spot formed on the fourth laser spot of the
93 tenth conductive layer, wherein in the first
94 conductive layer is electrically connected to the
95 eighth conductive layer is a fuse unit, the third
96 conductive layer is electrically connected to the
97 ninth conductive layer is a fuse unit, the fourth
98 conductive layer is electrically connected to the

99 fifth conductive layer is a fuse unit, the second
100 conductive is electrically connected to the sixth
101 conductive layer is a fuse unit, the seventh
102 conductive layer is a fuse unit, the tenth conductive
103 layer is a fuse unit.

1 8. The fuse window according to claim 7, wherein the
2 first horizontal line, the second horizontal line, the third
3 horizontal line, the fourth horizontal line and the fifth
4 horizontal line are arranged in order, the first vertical line,
5 the second vertical line, the third vertical line and the fourth
6 vertical line are arranged in order, the distance between the
7 first vertical line and the second vertical line longer than the
8 distance between the second vertical line and the third vertical
9 line, and the distance between the third vertical line and the
10 fourth vertical line is longer than the distance between the
11 second vertical line and the third vertical line.

1 9. The fuse window as claimed in claim 7, wherein the
2 first conductive layer, the second conductive layer, the third
3 conductive layer and the fourth conductive layer are tungsten
4 or polysilicon.

1 10. The fuse window as claimed in claim 7, wherein the
2 fifth conductive layer, the sixth conductive layer, the seventh
3 conductive layer, the eighth conductive layer, the ninth
4 conductive layer and tenth conductive layer are aluminum,
5 copper-aluminum alloy or polysilicon.

6 11. The fuse window as claimed in claim 7, wherein the
7 first conductive plug, the second conductive plug, the third
8 conductive plug and the fourth conductive plug are tungsten or
9 polysilicon.

1 12. The fuse window as claimed in claim 7,
2 wherein the
3 first dielectric layer and the second dielectric layer are SiO₂.

1 13. A fuse structure comprising:
2 a substrate;
3 an eleventh conductive layer formed on part of the
4 substrate, wherein a layout of the eleventh
5 conductive layer starts from a fourth horizontal line
6 along a first vertical line and extends to a second
7 horizontal line along a second horizontal line,
8 turning in a third vertical line;
9 a twelfth conductive layer formed on part of the
10 substructure, wherein a layout of the twelfth
11 conductive layer starts from a fourth horizontal line
12 along a seventh vertical line and extends to the
13 second horizontal line along the second horizontal
14 line, turning in a fifth vertical line;
15 a thirteenth conductive layer formed on part of the
16 substrate, wherein a layout of the thirteenth
17 conductive layer starts from a second vertical line
18 along a third horizontal line and extends near to a
19 fourth vertical line along the fourth vertical line,
20 turning in a first horizontal line;
21 a fourteenth conductive layer formed on part of the
22 substrate, wherein a layout of the fourteenth
23 conductive layer starts from a sixth vertical line
24 along the third horizontal line and extends to the
25 fourth vertical line along the fourth vertical line,
26 turning in the first horizontal line;

27 a first dielectric layer formed on the eleventh conductive
28 layer, the twelfth conductive layer, the thirteenth
29 conductive layer, the fourteenth conductive layer
30 and part of the substrate;
31 a fifteenth conductive layer formed on part of the first
32 dielectric, wherein a layout of the fifteenth
33 conductive layer starts from the first vertical line
34 along the second horizontal line and extends near to
35 a second vertical line;
36 a sixteenth conductive layer formed on part of the first
37 dielectric layer, wherein a layout of the sixteenth
38 conductive layer starts from a seventh vertical line
39 along the second horizontal line and extends near to
40 a sixth vertical line;
41 a seventeenth conductive layer formed on part of the first
42 dielectric layer, wherein a layout of the seventeenth
43 conductive layer starts from a third vertical line
44 along the third horizontal line and extends near to
45 the fourth vertical line along the fourth vertical
46 line, turning in the first horizontal line;
47 an eighteenth conductive layer formed on part of the first
48 dielectric layer, wherein a layout of the eighteenth
49 conductive layer starts from a fifth vertical line
50 along the third horizontal line and extends near to
51 the fourth vertical line along the fourth vertical
52 line, turning in the first horizontal line;
53 a second dielectric layer formed on the fifteenth
54 conductive layer, the sixteenth conductive layer,
55 the seventeenth conductive layer, the eighteenth

56 conductive layer and part of the first dielectric
57 layer;
58 a nineteenth conductive layer formed on part of the second
59 dielectric layer, wherein a layout of the ninth
60 conductive starts from the first horizontal line
61 along the second vertical line and extends to the
62 second horizontal line;
63 a twentieth conductive layer formed on part of the
64 dielectric layer, wherein a layout of the twentieth
65 conductive layer starts from the first horizontal
66 line along the third vertical line and extends to the
67 second horizontal line;
68 a twenty first conductive layer formed on part of the second
69 dielectric layer, wherein a layout of the twenty
70 first conductive layer starts from the fourth
71 horizontal line along the second vertical line and
72 extends to the third horizontal line;
73 a twenty second conductive layer formed on part of the
74 second dielectric layer, wherein a layout of the twenty
75 second conductive layer starts from the fourth
76 horizontal line along the third vertical line and
77 extends to the third horizontal line;
78 a twenty third conductive layer formed on part of the second
79 dielectric layer, wherein a layout of the twenty
80 third conductive layer starts from the first
81 horizontal line along the fourth vertical line and
82 extends to the fourth horizontal line;
83 a twenty fourth conductive layer formed on part of the
84 dielectric layer, wherein a layout of the twenty
85 fourth conductive layer starts from the fourth

86 horizontal line along the fifth vertical line and
87 extends to the third horizontal line;
88 a twenty fifth conductive layer formed on part of the second
89 dielectric layer, wherein a layout of the twenty
90 fifth conductive layer starts from the fourth
91 horizontal line along the sixth vertical line and
92 extends to the third horizontal line;
93 a twenty sixth conductive layer formed on part of second
94 the dielectric layer, wherein a layout of the twenty
95 sixth conductive starts from the first horizontal
96 line along the fifth vertical line and extends to the
97 second horizontal line;
98 a twenty seventh conductive layer formed on part of the
99 second dielectric layer, wherein a layout of the twenty
100 seventh conductive layer starts from the first
101 horizontal line along the sixth vertical line and
102 extends to the second horizontal line;
103 a twenty eighth conductive layer formed on part of the
104 second dielectric layer, wherein a layout of the
105 twenty eighth conductive layer starts from the first
106 horizontal line along the seventh vertical line and
107 extends to the fourth horizontal line;
108 a eleventh conductive plug formed on an intersection of the
109 second vertical line and the second horizontal line
110 to penetrate the second dielectric layer to
111 electrically connected to the fifteenth conductive
112 layer and the nineteenth conductive layer;
113 a twelfth conductive plug formed on an intersection of the
114 third vertical line and the second horizontal line
115 to penetrate the first dielectric layer and the

116 second dielectric layer to electrically connected to
117 the eleventh conductive layer and twentieth
118 conductive layer;
119 a thirteenth conductive plug formed on an intersection of
120 the fifth vertical line and the second horizontal
121 line to penetrate the first dielectric layer and the
122 second dielectric layer to electrically connected to
123 the twelfth conductive layer and the twenty sixth
124 conductive layer;
125 a fourteenth conductive plug formed on an intersection of
126 the sixth vertical line and the second horizontal
127 line to penetrate the second dielectric layer to
128 electrically connected to the sixteenth conductive
129 layer and twenty seventh conductive layer;
130 a fifteenth conductive plug formed on an intersection of
131 the second vertical line and the third horizontal
132 line to penetrate the first dielectric layer and the
133 second dielectric layer to electrically connected to
134 the thirteenth conductive layer and the twenty first
135 conductive layer;
136 a sixteenth conductive plug formed on an intersection of
137 the third vertical line and the third horizontal line
138 to penetrate the second dielectric layer to
139 electrically connected to the seventeenth conductive
140 layer and twenty second conductive layer;
141 a seventeenth conductive plug formed on an intersection of
142 the fifth vertical line and the third horizontal line
143 to penetrate the second dielectric layer to
144 electrically connected to the eighteenth conductive
145 layer and twenty fourth conductive layer; and

146 an eighteenth conductive plug formed on an intersection of
147 the sixth vertical line and the third horizontal line
148 to penetrate the first dielectric layer and the
149 second dielectric layer to electrically connected to
150 the fourteenth conductive layer and the twenty fifth
151 conductive layer.

1 14. The fuse structure according to claim 13, wherein the
2 seventeenth conductive layer, the twentieth conductive layer,
3 the thirteenth conductive layer and the fourteenth conductive
4 layer are tungsten or polysilicon.

1 15. The fuse structure according to claim 13, wherein the
2 fifteenth conductive layer, the sixteenth conductive layer, the
3 seventeenth conductive layer, and the eighteenth conductive
4 layer are tungsten or polysilicon.

1 16. The fuse structure according to claim 13, wherein the
2 nineteenth conductive layer, the twentieth conductive layer,
3 the twenty first conductive layer, the twenty second conductive
4 layer, the twenty third conductive layer, the twenty fourth
5 conductive layer, the twenty fifth conductive layer, the twenty
6 sixth conductive layer, the twenty seventh conductive layer and
7 the twenty eighth conductive layer are aluminum,
8 copper-aluminum alloy or polysilicon.

1 17. The fuse structure according to claim 13, wherein the
2 seventh conductive plug, the twelfth conductive plug, the
3 thirteenth conductive plug, the fourteenth conductive plug, the
4 fifteenth conductive plug, the sixteenth conductive plug, the

5 seventeenth conductive plug and the eighteenth conductive plug
6 are tungsten or polysilicon.

1 18. The fuse structure according to claim 13, wherein the
2 first dielectric layer and the second dielectric layer are SiO₂.

1 19. A fuse window comprising:

2 a substrate;

3 an eleventh conductive layer formed on part of the
4 substrate, wherein a layout of the eleventh
5 conductive layer starts from a fourth horizontal line
6 along a first vertical line and extends to a second
7 horizontal line along a second horizontal line,
8 turning in a third vertical line;

9 a twelfth conductive layer formed on part of the
10 substructure, wherein a layout of the twelfth
11 conductive layer starts from a fourth horizontal line
12 along a seventh vertical line and extends to the
13 second horizontal line along the second horizontal
14 line, turning in a fifth vertical line;

15 a thirteenth conductive layer formed on part of the
16 substrate, wherein a layout of the thirteenth
17 conductive layer starts from a vertical line along
18 a third horizontal line and extends near to a fourth
19 vertical line along a fourth vertical line, turning
20 in a first horizontal line;

21 a fourteenth conductive layer formed on part of the
22 substrate, wherein a layout of the fourteenth
23 conductive layer starts from a sixth vertical line
24 along the third horizontal line and extends to the

25 fourth vertical line along the fourth vertical line,
26 turning in the first horizontal line;
27 a first dielectric layer formed on the eleventh conductive
28 layer, the twelfth conductive layer, the thirteenth
29 conductive layer, the fourteenth conductive layer
30 and part of the substrate;
31 a fifteenth conductive layer formed on part of the first
32 dielectric, wherein a layout of the fifteenth
33 conductive layer starts from the first vertical line
34 along the second horizontal line and extends to a
35 second vertical line;
36 a sixteenth conductive layer formed on part of the first
37 dielectric layer, wherein a layout of the sixteenth
38 conductive layer starts from a seventh vertical line
39 along the second horizontal line and extends to a
40 sixth vertical;
41 a seventeenth conductive layer formed on part of the first
42 dielectric layer, wherein a layout of the seventeenth
43 conductive layer starts from a third vertical line
44 along the third horizontal line and extends near to
45 the fourth vertical line along the fourth vertical
46 line, turning in the first horizontal line;
47 an eighteenth conductive layer formed on part of the first
48 dielectric layer, wherein a layout of the eighteenth
49 conductive layer starts from a fifth vertical line
50 along the third horizontal line and extends near to
51 the fourth vertical line along the fourth vertical
52 line, turning in the first horizontal line;
53 a second dielectric layer formed on the fifteenth
54 conductive layer, the sixteenth conductive layer,

55 the seventeenth conductive layer, the eighteenth
56 conductive layer and part of the first dielectric
57 layer;

58 a nineteenth conductive layer formed on part of the second
59 dielectric layer, wherein a layout of the ninth
60 conductive starts from the first horizontal line
61 along the second vertical line and extends to the
62 second horizontal line;

63 a twentieth conductive layer formed on part of the
64 dielectric layer, wherein a layout of the twentieth
65 conductive layer starts from the first conductive
66 layer along the third vertical line and extends to
67 the second horizontal line;

68 a twenty first conductive layer formed on part of the second
69 dielectric layer, wherein a layout of the twenty
70 first conductive layer starts from the fourth
71 horizontal line along the second vertical line and
72 extends to the third horizontal line;

73 a twenty second conductive layer formed on part of the
74 second dielectric layer, wherein a layout of the
75 twenty second conductive layer starts from the fourth
76 horizontal line along the third vertical line and
77 extends to the third horizontal line;

78 a twenty third conductive layer formed on part of the second
79 dielectric layer, wherein a layout of the twenty
80 third conductive layer starts from the first
81 horizontal line along the fourth vertical line and
82 extends to the fourth horizontal line;

83 a twenty fourth conductive layer formed on part of the
84 dielectric layer, wherein a layout of the twenty

85 fourth conductive layer starts from the fourth
86 horizontal line along the fifth vertical line and
87 extends to the third horizontal line;
88 a twenty fifth conductive layer formed on part of the second
89 dielectric layer, wherein a layout of the twenty
90 fifth conductive layer starts from the fourth
91 horizontal line along the sixth vertical line and
92 extends to the third horizontal line;
93 a twenty sixth conductive layer formed on part of second
94 the dielectric layer, wherein a layout of the twenty
95 sixth conductive starts from the first horizontal
96 line along the fifth vertical line and extends to the
97 second horizontal line;
98 a twenty seventh conductive layer formed on part of the
99 second dielectric layer, wherein a layout of the twenty
100 seventh conductive layer starts from the first
101 horizontal line along the sixth vertical line and
102 extends to the second horizontal line;
103 a twenty eighth conductive layer formed on part of the
104 second dielectric layer, wherein a layout of the
105 twenty eighth starts from the first horizontal line
106 along the seventh vertical line and extends to the
107 fourth horizontal line;
108 a eleventh conductive plug formed on an intersection of the
109 second vertical line and the second horizontal line
110 to penetrate the second dielectric layer to
111 electrically connected to the fifteenth conductive
112 layer and the nineteenth conductive layer;
113 a twelfth conductive plug formed on an intersection of the
114 third vertical line and the second horizontal line

115 to penetrate the first dielectric layer and the
116 second dielectric layer to electrically connect the
117 eleventh conductive layer and twentieth conductive
118 layer;

119 a thirteenth conductive plug formed on an intersection of
120 the fifth vertical line and the second horizontal
121 line to penetrate the first dielectric layer and the
122 second dielectric to electrically connected to the
123 twelfth conductive layer and the twenty sixth
124 conductive layer;

125 a fourteenth conductive plug formed on an intersection of
126 the sixth vertical line and the second horizontal
127 line to penetrate the second dielectric layer to
128 electrically connected to the sixteenth conductive
129 layer and twenty seventh conductive layer;

130 a fifteenth conductive plug formed on an intersection of
131 the second vertical line and the third horizontal
132 line to penetrate the first dielectric layer and the
133 second dielectric layer to electrically connected to
134 the thirteenth conductive layer and the twenty first
135 conductive layer;

136 a sixteenth conductive plug formed on an intersection of
137 the third vertical line and the third horizontal line
138 to penetrate the second dielectric layer to
139 electrically connected to the seventeenth conductive
140 layer and twenty second conductive layer;

141 a seventeenth conductive plug formed on an intersection of
142 the fifth vertical line and the third horizontal line
143 to penetrate the second dielectric layer to

144 electrically connected to the eighteenth conductive
145 layer and twenty fourth conductive layer; and
146 a eighteenth conductive plug formed on an intersection of
147 the sixth vertical line and the third horizontal line
148 to penetrate the first dielectric layer and the
149 second dielectric layer to electrically connected to
150 the fourteenth conductive layer and the twenty fifth
151 conductive layer;

152 an eleventh laser spot formed on the nineteenth conductive
153 layer;

154 a twelfth laser spot formed on the twentieth conductive
155 layer;

156 a thirteen laser spot formed on the twenty first conductive
157 layer;

158 a fourteenth laser spot formed on the twenty second
159 conductive layer;

160 a fifteenth laser spot formed on the twenty third
161 conductive layer;

162 a sixteenth laser spot formed on the twenty fourth
163 conductive layer;

164 a seventeenth laser spot formed on the twenty fifth
165 conductive layer;

166 a eighteenth laser spot formed on the twenty sixth
167 conductive layer;

168 a nineteenth laser spot formed on the twenty seventh
169 conductive layer; and

170 a twentieth laser spot formed on the twenty eighth
171 conductive layer;

172 wherein in the fuse window comprises a plurality of fuse
173 structures, each fuse structure comprising ten

174 fuses, each with its own laser spot, and not
175 electrically connected to each other, wherein the
176 fifteenth conductive layer is electrically connected
177 to the nineteenth conductive layer is a fuse unit,
178 the eleventh conductive layer is electrically
179 connected to the twentieth conductive layer is a fuse
180 unit, the twelfth conductive layer is electrically
181 connected to the twenty sixth conductive layer is a
182 fuse unit, the sixteenth conductive layer is
183 electrically connected to the twenty seventh
184 conductive layer is a fuse unit, the thirteenth
185 conductive layer is electrically connected to the
186 twenty first conductive layer is a fuse unit, the
187 seventeenth conductive layer is electrically
188 connected to the twenty second conductive layer is
189 a fuse unit, the eighteenth conductive layer is
190 electrically connected to the twenty fourth
191 conductive layer is a fuse unit, the fourteenth
192 conductive layer is electrically connected to the
193 twenty fifth conductive layer is a fuse unit, the
194 twenty third conductive layer is a fuse unit, and a
195 twenty eighth conductive layer is a fuse unit.

1 20. The fuse window according to claim 19, wherein the
2 eleventh conductive layer, the twelfth conductive layer,
3 thirteenth conductive layer, and fourteenth conductive layer
4 are tungsten or polysilicon.

1 21. The fuse window according to claim 19, wherein the

2 fifteenth conductive layer, the sixteenth conductive layer, the
3 seventeenth conductive layer, and the eighteenth conductive
4 layer are tungsten or polysilicon.

1 22. The fuse window according to claim 19, wherein the
2 nineteenth conductive layer, the twentieth conductive layer,
3 the twenty first conductive layer, the twenty second conductive
4 layer, the twenty third conductive layer, the twenty fourth
5 conductive layer, the twenty fifth conductive layer, the twenty
6 sixth conductive layer, twenty seventh conductive layer and the
7 twenty eighth conductive layer are aluminum, copper-aluminum
8 alloy or polysilicon.

1 23. The fuse window according to claim 19, wherein the
2 eleventh conductive plug, the twelfth conductive plug, the
3 thirteenth conductive plug, the fourteenth conductive plug, the
4 fifteenth conductive plug, the sixteenth conductive plug, the
5 seventeenth conductive plug and the eighteenth conductive plug
6 are tungsten or polysilicon.

1 24. The fuse window according to claim 19, wherein the
2 first dielectric layer and the second dielectric layer are SiO₂.

1 25. A processing method for fuse structure, comprising
2 the steps of:

3 providing a structure;
4 forming a first conductive layer and a second conductive
5 layer on part of the structure;
6 forming a first dielectric layer on the first conductive
7 layer, the second conductive layer and the structure;

8 forming a first opening on the first dielectric layer,
9 exposing the first conductive layer and the second
10 conductive layer;
11 implanting a first conductive plug to penetrate the first
12 conductive layer via the first opening;
13 forming a third conductive layer and a fourth conductive
14 layer on part of the first dielectric layer;
15 forming a second dielectric layer on the third conductive
16 layer, the fourth conductive layer and the first
17 dielectric layer;
18 forming a second opening on the second dielectric layer,
19 exposing the first opening, the third conductive
20 layer and the fourth conductive layer;
21 implanting the second conductive plug to penetrate the
22 second dielectric layer via the second opening;
23 forming a fifth conductive layer, a sixth conductive layer,
24 a seventh conductive layer, a eighth conductive
25 layer, a ninth conductive layer and a tenth
26 conductive layer on part of the second dielectric
27 layer, wherein a third conductive plug is
28 electrically connected to the fourth conductive
29 layer and the fifth conductive layer, a fourth
30 conductive plug is electrically connected to the
31 second conductive layer and the sixth conductive
32 layer, the third conductive layer is electrically
33 connected to the ninth conductive layer and the
34 eighth conductive layer is electrically connected to
35 the first conductive layer.

1 26. A processing method for fuse structure, comprising
2 the steps of:

3 forming a substrate;
4 forming a eleventh conductive layer, a twelfth conductive
5 layer, a thirteenth conductive layer and a fourteenth
6 conductive layer on part of the substrate;
7 forming a first dielectric layer on the eleventh conductive
8 layer, the twelfth conductive layer, the thirteenth
9 conductive layer, the fourteenth conductive layer
10 and the substrate;
11 forming a fifteenth conductive layer, a sixteenth
12 conductive layer, a seventeenth conductive layer, a
13 eighteenth conductive layer on part of the first
14 dielectric layer;
15 forming a second dielectric layer on the fifteenth
16 conductive layer, the sixteenth conductive layer,
17 the seventeenth conductive layer, the eighteen
18 conductive layer and the first dielectric layer;
19 forming an opening on the first dielectric layer and second
20 dielectric layer, exposing the eleventh conductive
21 layer, the twelfth conductive layer, the thirteenth
22 conductive layer, fourteenth conductive layer,
23 fifteenth conductive layer, the sixteenth conductive
24 layer, the seventeenth conductive layer and the
25 eighteenth conductive layer;
26 implanting a conductive plug in the opening, to penetrate
27 the first dielectric layer and the second dielectric
28 layer; and
29 forming a nineteenth conductive layer, a twentieth
30 conductive layer, a twenty first conductive layer,
31 twenty second conductive layer, a twenty third
32 conductive layer, a twenty fourth conductive layer,

33 a twenty fifth conductive layer, a twenty sixth
34 conductive layer, a twenty seventh conductive layer
35 and a twenty eighth conductive layer on part of the
36 second dielectric layer, wherein a eleventh
37 conductive plug is electrically connected to the
38 fifteenth conductive layer and nineteenth conductive
39 layer, a twelfth conductive plug is electrically
40 connected to the eleventh conductive layer and the
41 twentieth conductive layer, a thirteenth conductive
42 plug is electrically connected to the twenty sixth
43 conductive layer and the twelfth conductive layer,
44 a fourteenth conductive plug is electrically
45 connected to the twenty seventh conductive layer and
46 the sixteenth conductive layer, a fifteenth
47 conductive plug is electrically connected to the
48 twenty first conductive layer and the thirteenth
49 conductive layer, a sixteenth conductive layer is
50 electrically connected to the twenty second
51 conductive layer and the seventeenth conductive
52 layer, a seventeenth plug is electrically connected
53 to the twenty fourth conductive layer and eighteenth
54 conductive layer, and a eighteenth conductive plug
55 is electrically connected to the twenty fifth
56 conductive layer and the fourteenth conductive
57 layer.